



# Diamond Z E6000 Startup/ Lockout

## Standard Operating Procedure

REFUSE  
DISPOSAL  
DIVISION

### Greens Processing

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#### *Startup Procedure:*

1. Notify all affected persons of the machine start-up and clear the area of unauthorized persons.
2. Turn on master switches.
3. If the tub is open, **make sure the mill is clear.**
4. Close tub and engage lock; close tub enclosure and feed conveyor.
5. Check all lubrication points and fluid levels.
6. Start engine; idle at **800rpm.**
7. Warm up engine for **20** minutes.
8. Turn belt levers ON.
9. Engage Voith clutch.
10. Turn remote ON.
11. Engine rpm to full.
12. Turn tub ON.
13. Start feed conveyor.

#### *Lockout Procedure:*

1. Notify all affected persons of the machine lockdown and clear the area of unauthorized persons.
2. Locate flow control to tub and shut OFF.
3. Idle engine down.
4. Shut Voith OFF.
5. Wait for the mill to stop.
6. Locate the phase I and II conveyor valves and shut OFF.
7. Lock out the controls to the conveyor valves and **take the key and remote with you.**
8. Raise the feed conveyor and top cover.
9. Unlock the tub lock and raise the tub.

Note\* When unfolding conveyor or raising the tub, **make sure all areas are clear.** Utilize mill locks effectively when tub is in raised position.



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### ***Sequence of Removal of Lockout***

1. Notify all affected persons of the lockout removal.
2. Remove the lock from the conveyor controls and follow startup procedure above.

### **Benefit of Compliance to Instruction:**

- Proper warm up increases work performance and life span of machinery
- Checklists bring attention to any minor repairs before they cause severe damage to equipment
- Ensures the safety of all personnel

### **Consequence of Non-Compliance to Instruction:**

- Possible injury to Personnel
- Severe damage to costly machinery
- Disciplinary action

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*Environmental Management System (EMS) –ISO 14001*

*PROCESS MAP #: GP-1.0*

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